

## PROJECT DESCRIPTION

## GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTIONS OF U.S. 40 ALT AND WATER ST./MD 36 AND U.S. 40 ALT AND BROADWAY STREET IN ALLEGANY COUNTY, MARYLAND. U.S. 40 ALT IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

## INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

## CONTROLLER REQUIREMENTS

THE EXISTING POLE MOUNTED CABINET AND CONTROLLER WILL BE USED AT EACH INTERSECTION.

## MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAYBE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.02-14 (INTERSECTION FLAGGING OPERATION)

## PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. GEORGE H. SMALL  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (301) 729-8444

MR. GEORGE FRANKENBERRY  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (301) 729-8457

MR. DAVID LARRICK  
DISTRICT UTILITY ENGINEER  
PHONE: (301) 729-8420

MR. RICHARD L. DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

## EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

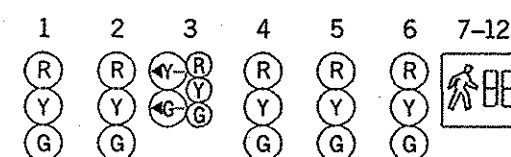
ITEM NO.	QUANTITY	DESCRIPTION
9571	10 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF : -- 10 EACH R10-3(1) SIGN (9 IN. x 15 IN.) TO READ "PUSHBUTTON TO CROSS XXX"

## EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA  
ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

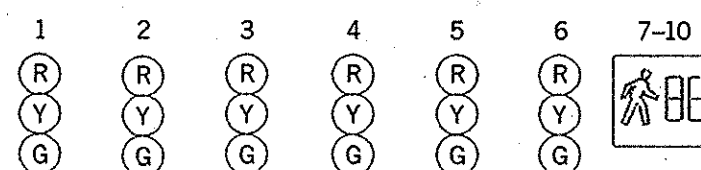
## PHASE CHARTS

## U.S. 40 ALT &amp; MD 36 /Water Street



PHASE 2 AND 5	R	R	+	G	G	R	R	DW	←
2 AND 5 CHANGE	R	R	+	G	G	R	R	DW	←
PHASE 2 AND 6	G	G	G	G	R	R	DW	←	
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	DW	←	
PHASE 4	R	R	R	R	G	G	DW	←	
4 CHANGE	R	R	R	R	Y	Y	DW	←	
PHASE 3	R	R	R	R	R	R	WK	←	
PED. CLEARANCE	R	R	R	R	R	R	FLDW	←	
3 CHANGE	R	R	R	R	R	R	DW	←	
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLR	FLR	DARK	←	

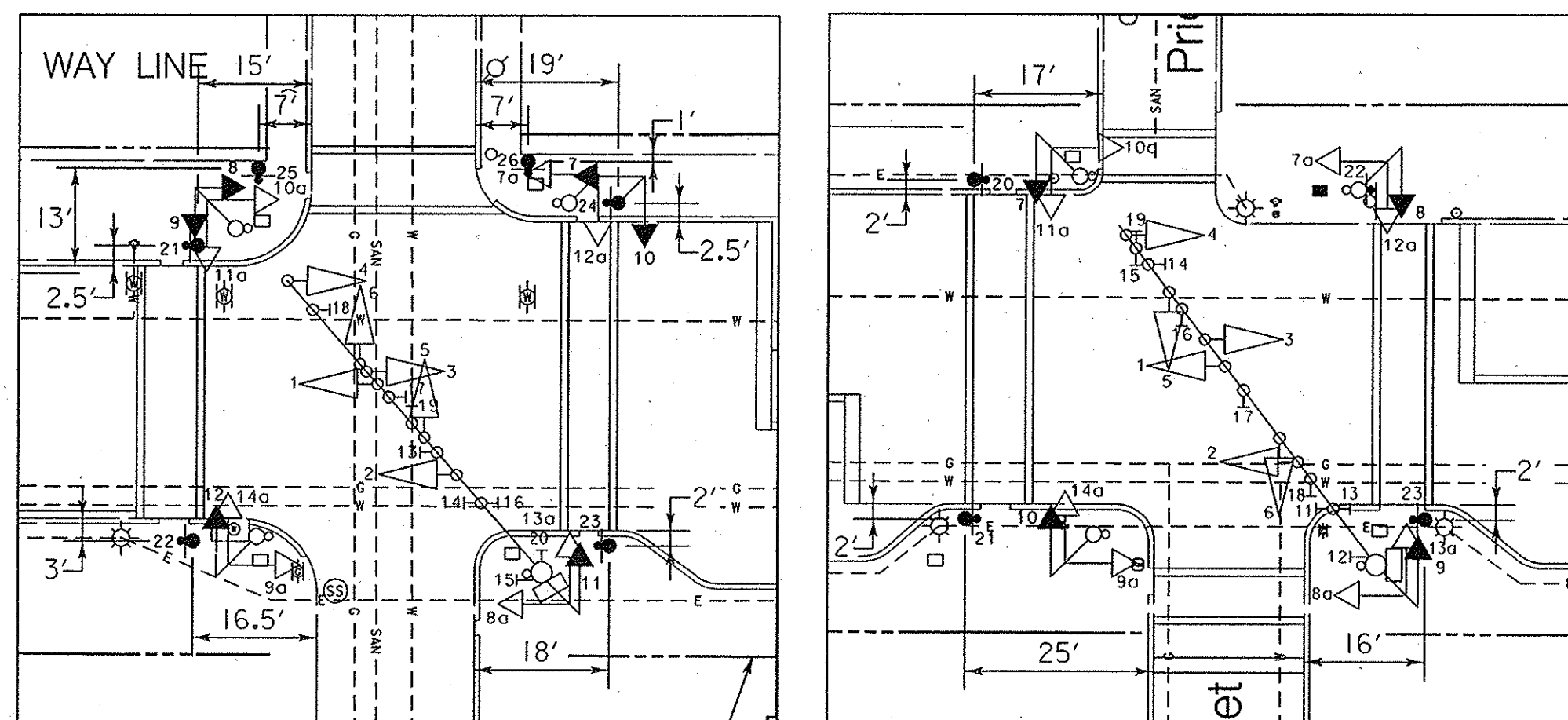
## U.S. 40 ALT. &amp; Broadway Street



PHASE 2 + 6	G	G	G	G	R	R	WK	←	
2 + 6 CHANGE	Y	Y	Y	Y	R	R	FLDW	←	
PHASE 4	R	R	R	R	G	G	DW	←	
4 CHANGE	R	R	R	R	Y	Y	DW	←	
PHASE 3 ALT	R	R	R	R	R	G	DW	←	
PED. CLEARANCE	R	R	R	R	R	G	DW	←	
3 ALT CHANGE	R	R	R	R	R	Y	DW	←	
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLR	FLR	DARK	←	

## DIMENSION DIAGRAM

SCALE 1"=20'



U.S. 40 ALT. and Water St/MD 36

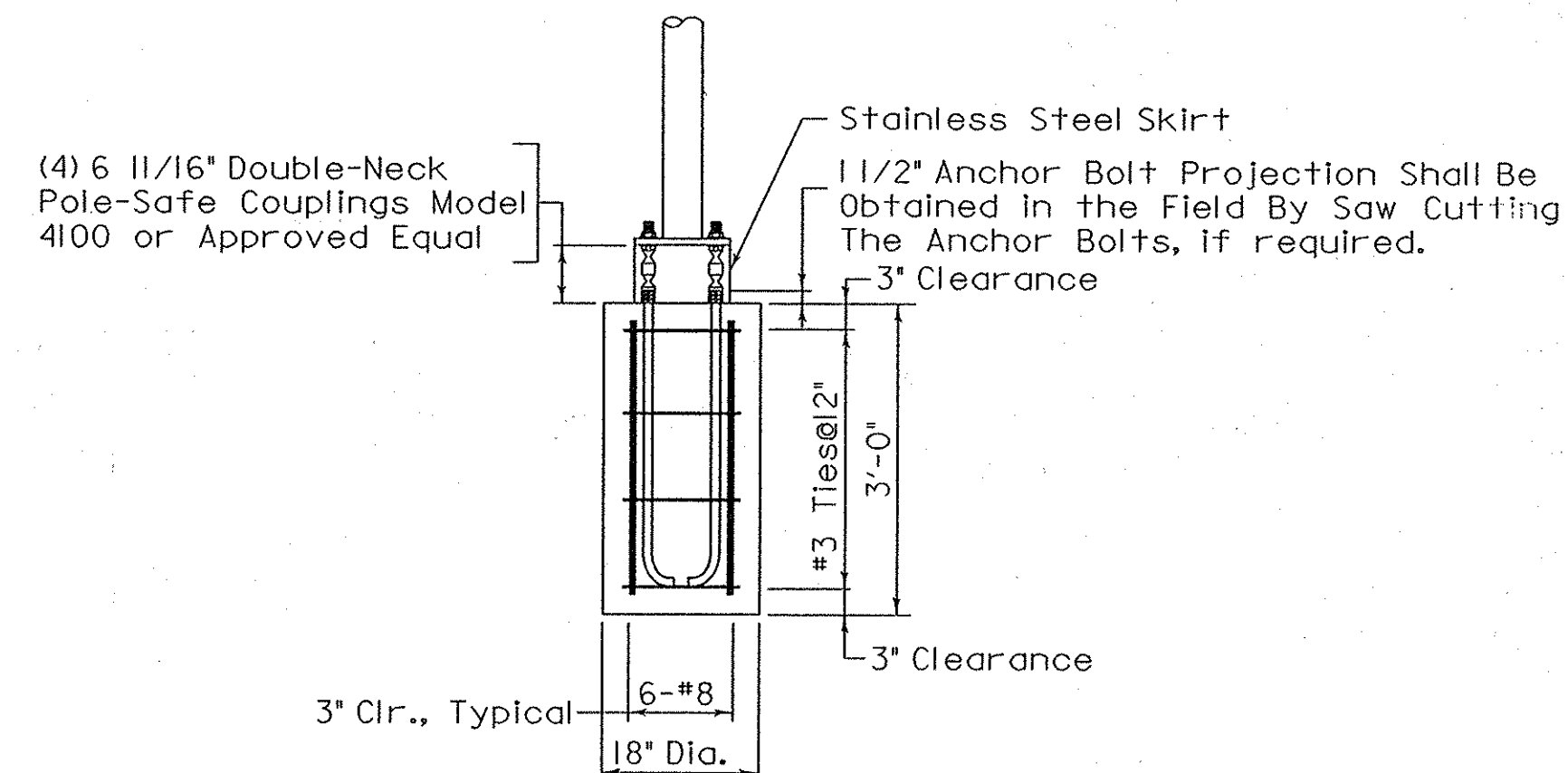
U.S. 40 ALT. and Broadway Street

## EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	2 EACH	MAINTENANCE OF TRAFFIC
2002	9 C.Y.	TEST PIT EXCAVATION
6002	300 S.F.	4 INCH CONCRETE SIDEWALK
8002	2 EACH	2-WIRE CENTRAL CONTROL UNIT
8003	2 EACH	3/4" TO 3" BLIND COUPLING WELDED & GALVANIZED
8008	10 EACH	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON
8009	9 EACH	BREAKAWAY PEDESTAL POLE (ANY SIZE)
8011	1 EACH	CONDUIT BEND IN EXISTING FOUNDATION
8014	10 EACH	LED 16 INCH COUNTDOWN PEDESTRIAN SIGNAL HEAD
8022	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
8034	60 L.F.	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - SLOTTED
8035	100 L.F.	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - TRENCHED
8039	10 S.F.	INSTALL OVERHEAD SIGN
8041	250 L.F.	NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE
8047	1 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8052	8 EACH	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE
8054	755 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 A.W.G.)
8056	980 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)

## MODIFIED PEDESTAL POLE FOUNDATION



TOD No.: AT783-15  
SHA No.: AL357A51/B51  
US 40A @ MD 36/Broadway Street

**WR&A**  
Whitman, Requardt  
and Associates, LLP  
801 South Caroline Street  
Baltimore, Maryland 21231  
(410) 235-3450

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
U.S. 40 ALT (Main Street) and  
MD 36 /Broadway Street  
FROSTBURG, MD

## GENERAL INFORMATION SHEET

SCALE	NONE	DATE	5/19/2006	CONTRACT NO.	AT7835185
DESIGNED BY	S.BLOSS	COUNTY	ALLEGANY		
DRAWN BY	S.BLOSS	LOGMILE	01004001.48		
CHECKED BY	N.LEARY	T.I.M.S. NO.	H898 F		
F.A.P. NO.		TOD NO.			
DRAWING NO.	-	OF		SHEET NO.	2 OF 2